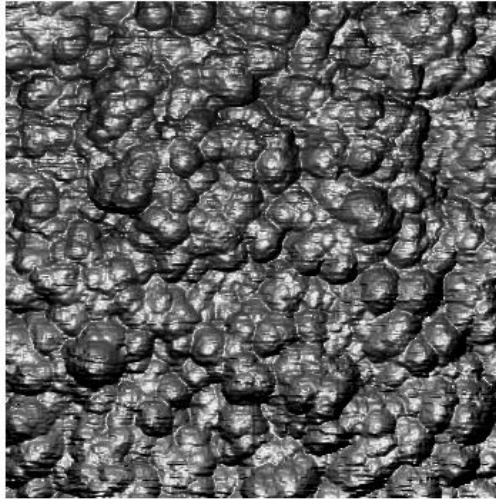


TiN, SiC, Diamond, CdS, W-films

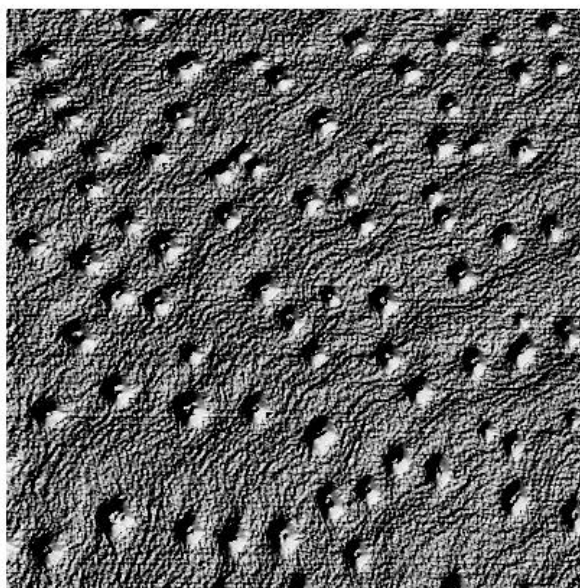
- TiN/Si(100)
- W/Sapphire
- SiC/Si(100)
- Diamond/Si(111)
- CdS/Si(111)



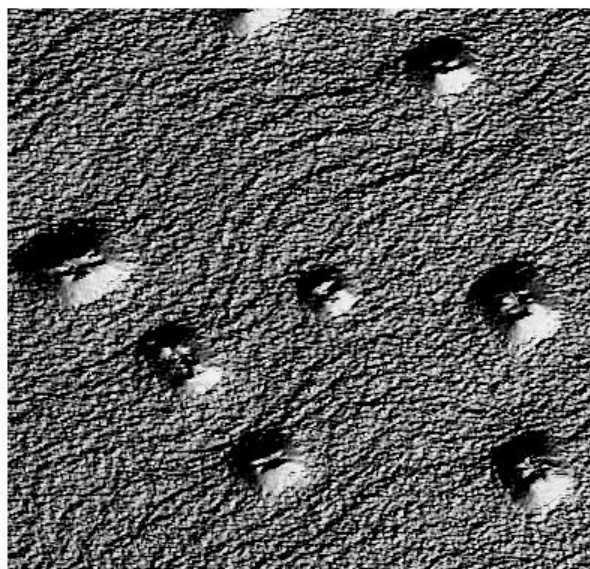
STM top view image of a CVD-TiN film(90nm-thick) deposited onto a Si(100) substrate.
(200nm x 200nm)



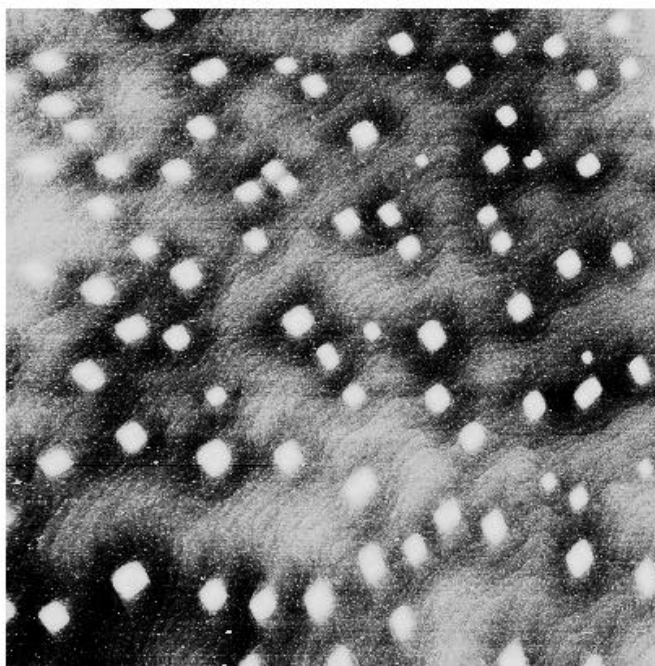
STM top view image of a tungsten film(300nm-thick) deposited onto a sapphire substrate.
(1000nm x 1000nm)



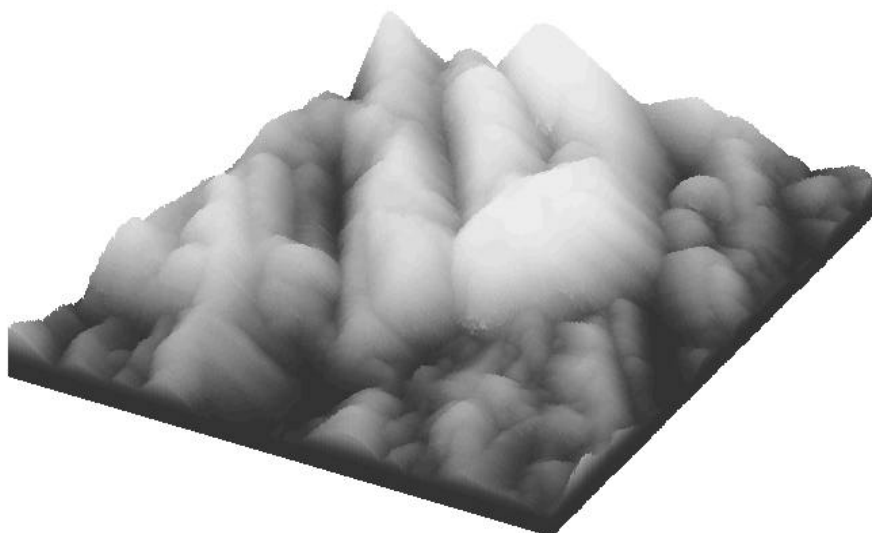
STM top view image of a Si(100) surface decorated with SiC nano-islands (initial growth).
(2850nm x 2820nm)



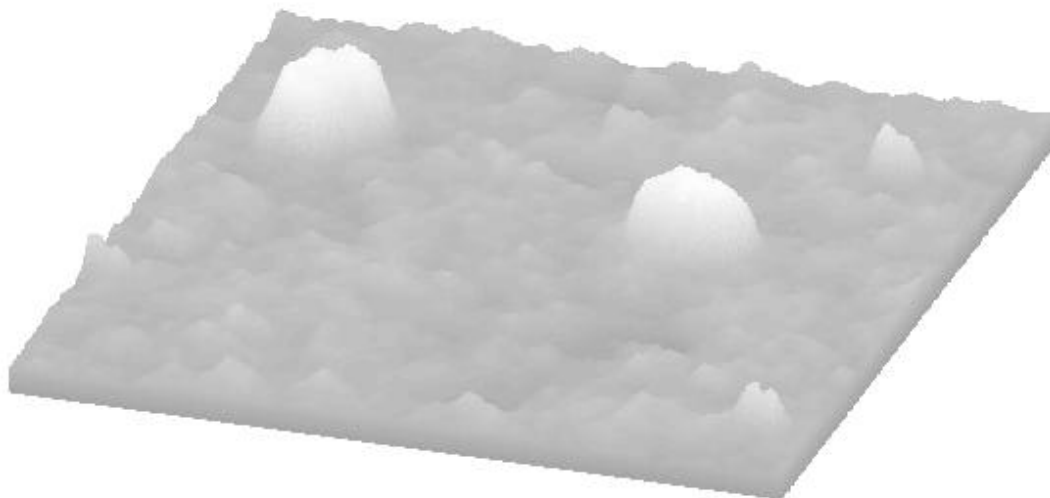
STM top view image of a Si(100) surface decorated with SiC nano-islands.
(1000nm x 1000nm)



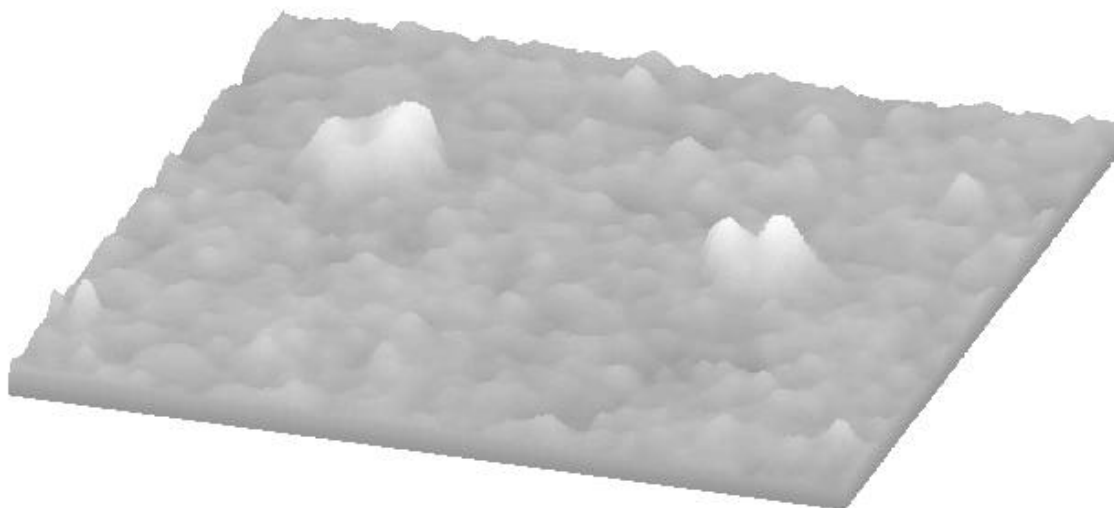
STM top view image of a Si(100) surface decorated with SiC nano-particles obtained from the growth of the initial SiC nano-islands. (2850nm x 2820nm)



3D-STM image of a CVD-diamond film(500nm-thick) deposited onto a Si(111) substrate. (890nm x 890nm)



3D-STM image of a CdS nano-particles deposited on a Si(111) substrate.



Using STM-tip as a cutter: 3D-STM image of a CdS nano-particles deposited on a Si(111) substrate and later “separated” by the STM-tip.